

ABSTRACT OF THE DISCLOSURE

A fully enclosed type motor with outer fans includes a ventilation fan. The fan has radially extending blades on a bracket side, and radially extending blades on a core side. Outside air is let into an air passage as cooling air from an opening formed in the bracket on an inner side of the blades. The cooling air is fed into a cooling hole formed in an outer peripheral part of a stator core and then discharged to the outside. Air within the motor body, which is fed from the blades, is passed through an external heat exchanger and returned to the inside of the motor body.

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